

# **SYSTEM AND METHOD FOR SECURELY AUTHENTICATING A DATA EXCHANGE SESSION WITH AN IMPLANTABLE MEDICAL DEVICE**

## **Abstract**

- 5           A system and method for securely authenticating a data exchange session with an implantable medical device is presented. A crypto key uniquely associated with an implantable medical device is defined to authenticate data during a data exchange session. A secure connection is established from an external source with a secure key repository securely maintaining the crypto key.
- 10   Authorization to access data on the implantable medical device is authenticated by securely retrieving the crypto key from the secure key repository.